

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0307	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0307 Lisbon	M	6.56						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.05		0.05	0.76%				
Trim / Thin Trees	0.07		0.07	1.07%				
Encroachments					0.05	0.24		
Animal Control	0.14		0.14	2.13%				
Flood Preparedness & Training	0.07		0.07	1.07%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.46		0.46	7.01%				
DWR UCIP Field Study					0.28	0.04		
<i>LMA Totals:</i>	0.79	0.00	0.79	12.04%	0.33	0.28	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 Levee Inspection Results

Reclamation District No. 0307 Lisbon

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 0307 Lisbon

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	6.56
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	04/28/2015 - 04/28/2015		10/14/2015 - 10/14/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By			Pete Dwyer RD 307	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- completion of the inspection
- any changes other than the results of normal maintenance
- corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	34		
LM End		Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				o		o
					o		o
DWR ID	DWR_RD0307_01_f_2014_34						
Action/Comments							
Inspector Comments: RD 307 has the O&M Manual on hand.							

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0307_01_f_2014_35				
Action/Comments					
Inspector Comments: The District according to Mr. Pete Dwyer, is part of the Delta Emergency plan where supplies are kept in a central location that they can gain access to if and when needed.					

No Photos

LM Start		Rating **	M	Issue No.	36		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD0307_01_f_2014_36						
Action/Comments							
Inspector Comments: RD 307 hasn't been to any recent training classes.							

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	62
LM End	6.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.480023 °	38.429775 °
				-121.549420 °	-121.533370 °
DWR ID	DWR_RD0307_01_f_2015_62				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The RD has done a great job removing unwanted vegetation from the landside levee slope.					

Photo 1 of 1 : FA_2015_RD0307_166_62_20151019_00033.jpg



Looking downstream from levee mile 0.00 land side slope.

LM Start	0.00	Rating **	A	Issue No.	63
LM End	6.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.480023 °	38.429775 °
				-121.549420 °	-121.533370 °
DWR ID	DWR_RD0307_01_f_2015_63				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The RD has contracted for the levee slopes to be cleared of unwanted vegetation from levee mile 0.00 thru 6.65 waterside.					

Photo 1 of 1 : FA_2015_RD0307_166_63_20151019_00032.jpg



Looking downstream from the waterside levee slope levee mile 0.00.

LM Start	0.19	Rating **	C	Issue No.	3
LM End	0.19	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.478078 °	38.478078 °
				-121.547065 °	-121.547065 °
DWR ID	DWR_RD0307_01_f_2014_3				
Action/Comments					
Tree or limb					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.45	Rating **	U	Issue No.	69
LM End	0.45	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.475542 °	38.475542 °
				-121.543566 °	-121.543566 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:42934
 DS_ID:21657
 EP_NO: N/A
 FS_HLM: 0.454
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: Pipe heavily corroded and will likely need replacement if 15-inch pipe sleeved through it needs replacement. Annular space not grouted between two pipes.
 FIELD_STRUCT_DESC: 20-inch steel irrigation pipe through the levee 16.7 feet below the crown. 15-inch pipe sleeved through this pipe. Pump missing from abandoned steel pier on WS toe. Walkway from shoulder to pier missing or abandoned. Originally included in the 1959 O&M manual.
 FS Date: 07/31/2013

LM Start	0.45	Rating **	U	Issue No.	69 (cont)
LM End	0.45	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1384.jpg



Holes and corrosion shown inside 15-inch pipe sleeved through this pipe.

Photo 2 of 3 : UCIP_FA_2015_1385.jpg



Pipe at outlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.45	Rating **	U	Issue No.	69 (cont)
LM End	0.45	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.475542 °	38.475542
				-121.543566 °	-121.543566
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42934 DS_ID:21657 EP_NO: N/A FS_HLM: 0.454 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1386.jpg



Abandoned walkway and metal pier on WS slope.

LM Start	0.45	Rating **	U	Issue No.	70
LM End	0.45	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.475542 °	38.475542 °
				-121.543566 °	-121.543566 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16743 DS_ID:21656 EP_NO: N/A FS_HLM: 0.454 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded at outlet on LS toe. Holes on bottom of pipe at outlet and internal circumference shows heavy exfoliation. Pipe failing internally. Recommend replacement or video inspection before continuing use. FIELD_STRUCT_DESC: 1 of 2: 15-inch steel irrigation pipe sleeved through 21-inch steel conduit, through the levee 16.7 feet below crown. Slant pump, gate valve, concrete headwall, electrical control pane, and abandoned pier on WS slope. Concrete U-shaped outlet with flap gate on LS toe. Service pole on the landward slope with anchor. FS Date: 07/31/2013					

Photo 1 of 3 : UCIP_FA_2015_1361.jpg



Concrete U-shaped outlet, JP, and meter on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.45	Rating **	U	Issue No.	70 (cont)
LM End	0.45	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.475542 °	38.475542
				-121.543566 °	-121.543566
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16743 DS_ID:21656 EP_NO: N/A FS_HLM: 0.454 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe heavily corroded at outlet on LS toe. Holes on bottom of pipe at outlet and internal circumference shows heavy exfoliation. Pipe failing internally. Recommend replacement or video inspection before continuing use. FIELD_STRUCT_DESC: 1 of 2: 15-inch steel irrigation pipe sleeved through 21-inch steel conduit, through the levee 16.7 feet below crown. Slant pump, gate valve, concrete headwall, electrical control pane, and abandoned pier on WS slope. Concrete U-shaped outlet with flap gate on LS toe. Service pole on the landward slope with anchor. FS Date: 07/31/2013					

LM Start	0.45	Rating **	U	Issue No.	70 (cont)
LM End	0.45	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1362.jpg



Pipe, gate valve, pump, and abandoned metal pier on WS slope.

Photo 3 of 3 : UCIP_FA_2015_1363.jpg



15-inch pipe sleeved through 21-inch pipe on WS slope at headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.58	Rating **	M	Issue No.	4
LM End	0.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474533 °	38.474533
				-121.541470 °	-121.541468
DWR ID	DWR_RD0307_01_f_2014_4				
Action/Comments					
Equipment					
Inspector Comments: The land owner need to remove the equipment from the landside easement.					

No Photos

LM Start	0.92	Rating **	M	Issue No.	5
LM End	0.92	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472863 °	38.472863 °
				-121.535675 °	-121.535675 °
DWR ID	DWR_RD0307_01_f_2014_5				
Action/Comments					
Debris					

No Photos

LM Start	0.92	Rating **	M	Issue No.	71
LM End	0.92	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472872 °	38.472872 °
				-121.535542 °	-121.535542 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17103 DS_ID:24014 EP_NO: 18229 FS_HLM: 0.937 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe open on both ends. Need to install caps. FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized iron pipe through the levee 2.0 feet below the crown (Permit No. 18229, 2007). FS Date: 07/31/2013					

Photo 1 of 3 : UCIP_FA_2015_0996.jpg



Conduit visible under first step of walkway to pump on WS shoulder.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.92	Rating **	M	Issue No.	71 (cont)	
LM End	0.92	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.472872 °	38.472872 °	
				-121.535542 °	-121.535542 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:17103						
DS_ID:24014						
EP_NO: 18229						
FS_HLM: 0.937						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe open on both ends. Need to install caps.						
FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized iron pipe through the						
levee 2.0 feet below the crown (Permit No. 18229, 2007).						
FS Date: 07/31/2013						

LM Start	0.92	Rating **	M	Issue No.	71 (cont)
LM End	0.92	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_0997.jpg



Conduit visible under first step of walkway to pump on WS shoulder.

Photo 3 of 3 : UCIP_FA_2015_0998.jpg



Conduit visible 2-feet below the crown on the LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.07	Rating **	M	Issue No.	72
LM End	1.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472870 °	38.472870 °
				-121.532750 °	-121.532750 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16764					
DS_ID:21659					
EP_NO: 8012					
FS_HLM: 1.09					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	1.07	Rating **	M	Issue No.	72 (cont)
LM End	1.07	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1387.jpg



Pipe visible under wooden walkway on WS slope.

Photo 2 of 3 : UCIP_FA_2015_1388.jpg



Pipe, gate valve, and concrete distribution box on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.07	Rating **	M	Issue No.	72 (cont)
LM End	1.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472870 °	38.472870 °
				-121.532750 °	-121.532750 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16764 DS_ID:21659 EP_NO: 8012 FS_HLM: 1.09 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1395.jpg



Pipe and JP/meter on LS slope.

LM Start	1.08	Rating **	M	Issue No.	73
LM End	1.08	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472874 °	38.472874 °
				-121.532611 °	-121.532611 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16766 DS_ID:21660 EP_NO: 3324 FS_HLM: 1.098 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Walkway completely obscured by vegetation on WS slope. FIELD_STRUCT_DESC: 1.25-inch electrical conduit through the levee 10.0 feet below the crown. Corrugated metal stage recorder house and walkway on the waterward slope. Service pole on the landward slope (Permit No. 3324, 1960). FS Date: 07/31/2013					

Photo 1 of 3 : UCIP_FA_2015_1396.jpg



Metal walkway visible in brush on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.08	Rating **	M	Issue No.	73 (cont)
LM End	1.08	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472874 °	38.472874 °
				-121.532611 °	-121.532611 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:16766
 DS_ID:21660
 EP_NO: 3324
 FS_HLM: 1.098
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Walkway completely obscured by vegetation on WS slope.
 FIELD_STRUCT_DESC: 1.25-inch electrical conduit through the levee 10.0 feet below the crown. Corrugated metal stage recorder house and walkway on the waterward slope. Service pole on the landward slope (Permit No. 3324, 1960).
 FS Date: 07/31/2013

LM Start	1.08	Rating **	M	Issue No.	73 (cont)
LM End	1.08	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1397.jpg



Metal walkway visible in brush on WS slope.

Photo 3 of 3 : UCIP_FA_2015_1398.jpg



Conduit visible at base of JP on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.10	Rating **	C	Issue No.	6
LM End	1.10	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472882 °	38.472882
				-121.532300 °	-121.532300
DWR ID	DWR_RD0307_01_f_2014_6				
Action/Comments					
Garbage					

No Photos

LM Start	1.10	Rating **	M	Issue No.	7
LM End	1.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.472882 °	38.472867 °
				-121.532300 °	-121.531983 °
DWR ID	DWR_RD0307_01_f_2014_7				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Bambo on waterside slope and shoulder, spray after cutting.					

No Photos

LM Start	1.17	Rating **	M	Issue No.	1
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.473059 °	38.473082 °
				-121.530988 °	-121.528437 °
DWR ID					
Action/Comments					
Inspector Comments: 2012 - Bank is slowly eroding, old rock protection starting to unravel. 2015: No observed changes. [2015 Site ID: SAC_48-6_R]					

Photo 1 of 1 : USACE2013A_SAC_48-6_R_4.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.29	Rating **	U	Issue No.	9
LM End	1.29	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472827 °	38.472827 °
				-121.528785 °	-121.528785 °
DWR ID	DWR_RD0307_01_f_2014_9				
Action/Comments					
Tree or limb					
Inspector Comments: I have instructed the RD to schedule with his contractor to cut this tree up and have it removed from the levee section.					

Photo 1 of 1 : FA_2015_RD0307_166_9_20150915_00001.jpg



This tree needs to be removed from the waterside slope.

LM Start	1.35	Rating **	M	Issue No.	10
LM End	1.35	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472880 °	38.472880 °
				-121.527733 °	-121.527733 °
DWR ID	DWR_RD0307_01_f_2014_10				
Action/Comments					
Tree or limb					
Inspector Comments: The RD will schedule to have these trees cut up and removed from the waterside levee section as soon as possible.					

Photo 1 of 1 : FA_2015_RD0307_166_10_20150915_00002.jpg



Remove unwanted trees from waterside slope. These trees are dead and are resting on the slope.

LM Start	1.58	Rating **	C	Issue No.	12
LM End	1.58	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473093 °	38.473093 °
				-121.523408 °	-121.523408 °
DWR ID	DWR_RD0307_01_f_2014_12				
Action/Comments					
Tree or limb					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.61	Rating **	C	Issue No.	13
LM End	1.61	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473083 °	38.473083 °
				-121.522912 °	-121.522912 °
DWR ID	DWR_RD0307_01_f_2014_13				
Action/Comments					
Tree or limb					

No Photos

LM Start	1.62	Rating **	M	Issue No.	74
LM End	1.62	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.473129 °	38.473129 °
				-121.522717 °	-121.522717 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17105 DS_ID:24017 EP_NO: N/A FS_HLM: 1.643 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing or boat dock/steel ramp. FIELD_STRUCT_DESC: 2 of 2: 1.5-inch PVC pipe through the levee 2-feet below the crown. Metal walkway/pier on WS slope. Possible pump on LS slope with filter tanks. FS Date: 07/31/2013					

Photo 1 of 3 : UCIP_FA_2015_0999.jpg



Pipes visible under walkway on WS slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.62	Rating **	M	Issue No.	75
LM End	1.62	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.473129 °	38.473129 °
				-121.522717 °	-121.522717 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17106 DS_ID:24016 EP_NO: N/A FS_HLM: 1.643 Repair Type: Non-Urgent Crossing Status: Found					

LM Start	1.62	Rating **	M	Issue No.	75 (cont)
LM End	1.62	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1002.jpg



Pipes visible under metal ramp on WS slope.

Photo 2 of 3 : UCIP_FA_2015_1003.jpg



Pipes visible on WS shoulder at metal ramp.

Photo 3 of 3 : UCIP_FA_2015_1004.jpg



Possible pump and filter plant on LS slope.

LM Start	1.62	Rating **	M	Issue No.	75 (cont)
LM End	1.62	Issue Type +	En	Location *	WS

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.69	Rating **	U	Issue No.	14
LM End	1.79	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473243 °	38.473277 °
				-121.521460 °	-121.519537 °
DWR ID	DWR_RD0307_01_f_2014_14				
Action/Comments					
Garbage					
Inspector Comments: Remove encroachments from levee section waterward slope.					

Photo 1 of 1 : FA_2015_RD0307_166_14_20150915_00003.jpg



Garbage and debris dumped on waterside levee slope.

LM Start	1.82	Rating **	M	Issue No.	15
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.473255 °	38.473255
				-121.519110 °	-121.519105
DWR ID	DWR_RD0307_01_f_2014_15				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	1.82	Rating **	C	Issue No.	16
LM End	1.82	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473255 °	38.473255 °
				-121.519105 °	-121.519105 °
DWR ID	DWR_RD0307_01_f_2014_16				
Action/Comments					
Tree or limb					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.82	Rating **	C	Issue No.	17
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.473255 °	38.473255 °
				-121.519105 °	-121.519105 °
DWR ID	DWR_RD0307_01_f_2014_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove this fig tree from the levee slope landward.					

No Photos

LM Start	1.82	Rating **	M	Issue No.	76
LM End	1.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.473249 °	38.473249 °
				-121.519095 °	-121.519095 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16805 DS_ID:21663 EP_NO: 8016 FS_HLM: 1.842 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs to be abandoned properly. FIELD_STRUCT_DESC: *Abandoned* 8-inch iron pipe through the levee 15.7 feet below the crown. No connection in pump house on the LS toe, but 8-inch outlet pipe remains at connection from pumphouse to concrete standpipe. (Permit No. 8016, 1972). Pipe capped at both ends according to Permit No. 18209 for replacement pipe. Originally included in the 1959 O&M manual. FS Date: 07/31/2013					

Photo 1 of 2 : UCIP_FA_2015_1438.jpg



Concrete distribution box at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.82	Rating **	M	Issue No.	76 (cont)	
LM End	1.82	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.473249 °	38.473249 °	
				-121.519095 °	-121.519095 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:16805 DS_ID:21663 EP_NO: 8016 FS_HLM: 1.842 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs to be abandoned properly. FIELD_STRUCT_DESC: *Abandoned* 8-inch iron pipe through the levee 15.7 feet below the crown. No connection in pump house on the LS toe, but 8-inch outlet pipe remains at connection from pumphouse to concrete standpipe. (Permit No. 8016, 1972). Pipe capped at both ends according to Permit No. 18209 for replacement pipe. Originally included in the 1959 O&M manual. FS Date: 07/31/2013						

Photo 2 of 2 : UCIP_FA_2015_1439.jpg



Remnants of abandoned pipe visible in pumphouse on LS toe.

LM Start	2.21	Rating **	M	Issue No.	77
LM End	2.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.472238 °	38.472238 °
				-121.512032 °	-121.512032 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22709 DS_ID:21665 EP_NO: N/A FS_HLM: 2.238 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be done so properly. FIELD_STRUCT_DESC: 5-inch steel irrigation pipe through the levee 2.0-feet below the crown. Pipe open on both ends. Originally included in the 1959 O&M manual. FS Date: 07/31/2013					

Photo 1 of 3 : UCIP_FA_2015_2464.jpg



Pipe visible on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.21	Rating **	M	Issue No.	77 (cont)	
LM End	2.21	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.472238 °	38.472238 °	
				-121.512032 °	-121.512032 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:22709						
DS_ID:21665						
EP_NO: N/A						
FS_HLM: 2.238						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 5-inch steel irrigation pipe through the levee						
2.0-feet below the crown. Pipe open on both ends. Originally included						
in the 1959 O&M manual.						
FS Date: 07/31/2013						

Photo 2 of 3 : UCIP_FA_2015_2465.jpg



Pipe visible on LS shoulder.

LM Start	2.21	Rating **	M	Issue No.	77 (cont)
LM End	2.21	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_2466.jpg



Pipe visible on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.41	Rating **	C	Issue No.	64
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.471183 °	38.470637 °
				-121.508585 °	-121.507718 °
DWR ID	DWR_RD0307_01_f_2015_64				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.42	Rating **	M	Issue No.	78
LM End	2.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.471093 °	38.471093 °
				-121.508429 °	-121.508429 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40794					
DS_ID:21667					
EP_NO: N/A					
FS_HLM: 2.452					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and if so should be done so properly.					
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and gate valve on the waterward slope. 36-inch concrete standpipe on LS toe. Originally included in the 1959 O&M manual.					
FS Date: 07/31/2013					

Photo 1 of 3 : UCIP_FA_2015_1443.jpg



36-inch concrete standpipe on LS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.42	Rating **	M	Issue No.	78 (cont)
LM End	2.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.471093 °	38.471093 °
				-121.508429 °	-121.508429 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:40794
 DS_ID:21667
 EP_NO: N/A
 FS_HLM: 2.452
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe appears abandoned and if so should be done so properly.
 FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 3.0 feet below the crown. Pump and gate valve on the waterward slope. 36-inch concrete standpipe on LS toe. Originally included in the 1959 O&M manual.
 FS Date: 07/31/2013

LM Start	2.42	Rating **	M	Issue No.	78 (cont)
LM End	2.42	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1444.jpg



Pump and gate valve on WS slope.

Photo 3 of 3 : UCIP_FA_2015_1445.jpg



Pump and gate valve on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.43	Rating **	C	Issue No.	18
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.471022 °	38.470913 °
				-121.508262 °	-121.508102 °
DWR ID	DWR_RD0307_01_f_2015_18				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.73	Rating **	M	Issue No.	79
LM End	2.73	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.467404 °	38.467404 °
				-121.505681 °	-121.505681 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16815 DS_ID:21671 EP_NO: 8023 FS_HLM: 2.763 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 13.7 feet below the crown. Pump and gate valve in pump house on the landward toe. 4'X2.5' concrete distribution box off LS toe. Service pole and anchor on the landward slope (Permit No. 8023, 1972). Included in the 1959 O&M manual. FS Date: 07/31/2013					

Photo 1 of 2 : UCIP_FA_2015_1463.jpg



Pump and gatevalve inside pumphouse on LS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.73	Rating **	M	Issue No.	79 (cont)	
LM End	2.73	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.467404 °	38.467404 °	
				-121.505681 °	-121.505681 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:16815						
DS_ID:21671						
EP_NO: 8023						
FS_HLM: 2.763						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Appears abandoned and should be done so properly.						
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee						
13.7 feet below the crown. Pump and gate valve in pump house on the						
landward toe. 4'X2.5' concrete distribution box off LS toe. Service pole						
and anchor on the landward slope (Permit No. 8023, 1972). Included in						
the 1959 O&M manual.						
FS Date: 07/31/2013						

Photo 2 of 2 : UCIP_FA_2015_1464.jpg



Pumphouse on LS toe.

LM Start	2.82	Rating **	C	Issue No.	19
LM End	2.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.466078 °	38.466078 °
				-121.505525 °	-121.505525 °
DWR ID	DWR_RD0307_01_f_2014_19				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.95	Rating **	C	Issue No.	20
LM End	2.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.464173 °	38.463763 °
				-121.505308 °	-121.505303 °
DWR ID	DWR_RD0307_01_f_2014_20				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.95	Rating **	M	Issue No.	65
LM End	2.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.464142 °	38.463803 °
				-121.505340 °	-121.505290 °
DWR ID	DWR_RD0307_01_f_2015_65				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	3.44	Rating **	M	Issue No.	21
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.457192 °	38.455917 °
				-121.503923 °	-121.503505 °
DWR ID	DWR_RD0307_01_f_2014_21				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.44	Rating **	M	Issue No.	80
LM End	3.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.457182 °	38.457182 °
				-121.503847 °	-121.503847 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:16843
DS_ID:21677
EP_NO: N/A
FS_HLM: 3.486
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No access to pumphouse as fence is within 10-feet of toe.
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 11.8 feet below the crown. Pump house on the landward toe. 48-inch diameter concrete standpipe just off LS toe. Originally included in the 1959 O&M manual.
FS Date: 07/31/2013

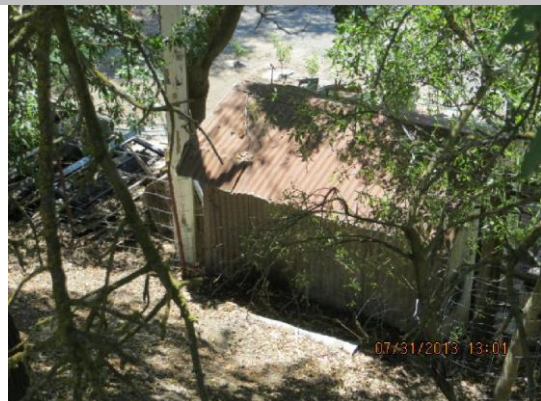
LM Start	3.44	Rating **	M	Issue No.	80 (cont)
LM End	3.44	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_1465.jpg



Pipe visible on WS toe.

Photo 2 of 2 : UCIP_FA_2015_1466.jpg



Pumphouse on LS toe. No access due to fence along toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.60	Rating **	M	Issue No.	81
LM End	3.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454939 °	38.454939 °
				-121.503146 °	-121.503146 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:16923

DS_ID:21679

EP_NO: N/A

FS_HLM: 3.647

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Gate valve does not function on WS slope. Pipe and pump appear to be abandoned and should be done so properly.

FIELD_STRUCT_DESC: 7-inch steel irrigation pipe through the levee 14.7 feet below the crown. Pump in pumphouse on LS toe. Gate valve on the WS slope and at pumphouse on the LS toe. Air vent on pipe at WS toe near waterline. Originally included in the 1959 O&M manual.

FS Date: 07/31/2013

LM Start	3.60	Rating **	M	Issue No.	81 (cont)
LM End	3.60	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_1053.jpg



Gate valve and pump in pumphouse on LS toe.

Photo 2 of 3 : UCIP_FA_2015_1054.jpg



Pumphouse on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.60	Rating **	M	Issue No.	81 (cont)
LM End	3.60	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454939 °	38.454939 °
				-121.503146 °	-121.503146 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16923					
DS_ID:21679					
EP_NO: N/A					
FS_HLM: 3.647					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1055.jpg



Gate valve actuator on WS slope.

LM Start	3.65	Rating **	M	Issue No.	82
LM End	3.65	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454154 °	38.454154 °
				-121.502939 °	-121.502939 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16925 DS_ID:21723 EP_NO: 8030 FS_HLM: 3.703 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Excessive vegetation should be cleared from conduit and JP on LS toe. FIELD_STRUCT_DESC: 2 of 2: 1.5-inch conduit through levee 6.0 feet below crown. Walkway on WS slope to pump on a pile structure. Meter on JP at LS toe (Permit No. 8030, 1972) FS Date: 07/31/2013					

Photo 1 of 2 : UCIP_FA_2015_1075.jpg



JP and meter on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.65	Rating **	M	Issue No.	82 (cont)	
LM End	3.65	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.454154 °		38.454154 °
				-121.502939 °		-121.502939 °
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:16925 DS_ID:21723 EP_NO: 8030 FS_HLM: 3.703 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Excessive vegetation should be cleared from conduit and JP on LS toe. FIELD_STRUCT_DESC: 2 of 2: 1.5-inch conduit through levee 6.0 feet below crown. Walkway on WS slope to pump on a pile structure. Meter on JP at LS toe (Permit No. 8030, 1972) FS Date: 07/31/2013						

Photo 2 of 2 : UCIP_FA_2015_1076.jpg



Conduit visible on WS slope.

LM Start	3.65	Rating **	M	Issue No.	83
LM End	3.65	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454154 °	38.454154 °
				-121.502939 °	-121.502939 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16924 DS_ID:21680 EP_NO: 8030 FS_HLM: 3.703 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe not visible on LS slope or toe due to excessive vegetation. Vegetation should be cleared from pipe. FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation pipe through the levee 6-feet below the crown. Walkway on WS slope to a pump on a pile structure in the stream. JP and meter on LS toe. Pipe appears to cross levee at an angle. (Permit No. 8030, 1972). Included in the 1959 O&M manual. FS Date: 07/31/2013					

Photo 1 of 3 : UCIP_FA_2015_1072.jpg



Meter on JP at LS toe covered with vegetation/IVY.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.65	Rating **	M	Issue No.	83 (cont)
LM End	3.65	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.454154 °	38.454154 °
				-121.502939 °	-121.502939 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:16924
 DS_ID:21680
 EP_NO: 8030
 FS_HLM: 3.703
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe not visible on LS slope or toe due to excessive vegetation. Vegetation should be cleared from pipe.
 FIELD_STRUCT_DESC: 1 of 2: 12-inch steel irrigation pipe through the levee 6-feet below the crown. Walkway on WS slope to a pump on a pile structure in the stream. JP and meter on LS toe. Pipe appears to cross levee at an angle. (Permit No. 8030, 1972). Included in the 1959 O&M manual.
 FS Date: 07/31/2013

LM Start	3.65	Rating **	M	Issue No.	83 (cont)
LM End	3.65	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_1073.jpg



Pump and electrical controls on Pier at WS slope.

Photo 3 of 3 : UCIP_FA_2015_1074.jpg



Pipe and walkway visible on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.67	Rating **	M	Issue No.	84
LM End	3.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.453882 °	38.453882 °
				-121.502890 °	-121.502890 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22669 DS_ID:21681 EP_NO: N/A FS_HLM: 3.72 Repair Type: Non-Urgent Crossing Status: Indicator Found					

No Photos

LM Start	3.86	Rating **	M	Issue No.	24
LM End	3.86	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.451123 °	38.451123 °
				-121.502622 °	-121.502622 °
DWR ID	DWR_RD0307_01_f_2014_24				
Action/Comments					
Tree or limb					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.90	Rating **	U	Issue No.	85
LM End	3.90	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.450575 °	38.450575 °
				-121.502580 °	-121.502580 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:16983
 DS_ID:21682
 EP_NO: 8034
 FS_HLM: 3.954
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: Appears abandoned and should be done so properly. Walkway to pier is falling apart and is an attractive nuisance. Pipe rusted through at riser on LS toe.
 FIELD_STRUCT_DESC: 1 of 2: 14-inch steel irrigation pipe through the levee 13.0 feet below the crown. Pump on pile structure with walkway on WS slope. Gate valve at the waterward toe and a 48-inch concrete standpipe on the LS toe. Sheet pile wall around base of metal pier at WS toe (Permit No. 8034, 1972). Included in the 1959 O&M manual.
 FS Date: 08/06/2013

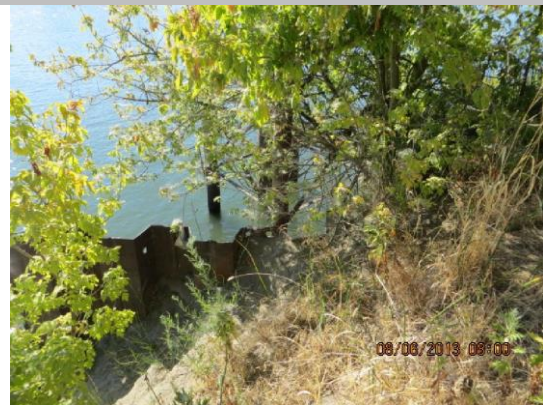
LM Start	3.90	Rating **	U	Issue No.	85 (cont)
LM End	3.90	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1123.jpg



48-inch concrete standpipe on LS toe.

Photo 2 of 3 : UCIP_FA_2015_1124.jpg



Sheet pile wall at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	3.90	Rating **	U	Issue No.	85 (cont)
LM End	3.90	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.450575 °	38.450575 °
				-121.502580 °	-121.502580 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:16983					
DS_ID:21682					
EP_NO: 8034					
FS_HLM: 3.954					
Repair Type: Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1125.jpg



Metal walkway to pump on pier and gate valve actuator on WS slope.

LM Start	3.98	Rating **	M	Issue No.	86
LM End	3.98	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.449382 °	38.449382 °
				-121.502625 °	-121.502625 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17408 DS_ID:21725 EP_NO: 8037 FS_HLM: 4.038 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: need to update with notes from inspector. FIELD_STRUCT_DESC: 2 of 2: *Removed* 1.5-inch conduit through levee 15.0 feet below crown. Pump and gate valve on the waterward slope (Permit No. 8037, 1972). Pipe removed in 2012 under Permit No. 18461. FS Date: 07/31/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.07	Rating **	U	Issue No.	87
LM End	4.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.448191 °	38.448191 °
				-121.502653 °	-121.502653 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:17128
DS_ID:21684
EP_NO: 8038
FS_HLM: 4.121
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: Wooden lid on 5-foot Diam. CMP riser rotten and could collapse. This could create a hazard for the public and should be replaced. Pipe appears abandoned and should be done so properly.
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 13.5 feet below the crown. Gate valve in 5-foot diameter corrugated metal pipe riser on the waterward slope. Power pole and meter at LS toe (Permit No. 8038, 1972). Included in the 1959 O&M manual.
FS Date: 07/31/2013

LM Start	4.07	Rating **	U	Issue No.	87 (cont)
LM End	4.07	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1611.jpg



Gate valve in pumphouse on LS toe. pumphouse filled with soil.

Photo 2 of 3 : UCIP_FA_2015_1612.jpg



Power Pole, meter, and pumphouse on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.07	Rating **	U	Issue No.	87 (cont)
LM End	4.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.448191 °	38.448191 °
				-121.502653 °	-121.502653 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17128					
DS_ID:21684					
EP_NO: 8038					
FS_HLM: 4.121					
Repair Type: Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1613.jpg



Wooden lid at gate valve in CMP riser on WS slope.

LM Start	4.11	Rating **	M	Issue No.	88
LM End	4.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.447562 °	38.447562 °
				-121.502681 °	-121.502681 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22670					
DS_ID:21685					
EP_NO: 8039					
FS_HLM: 4.165					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No lid on CMP riser on WS slope. this could create a hazard for the public.					
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.0 feet below the crown. Gate valve in 6-foot diameter CMP riser on WS slope. Pump and gate valve in pumphouse on LS toe (Permit No. 8039, 1972). Included in the 1959 O&M manual.					
FS Date: 07/31/2013					

Photo 1 of 2 : UCIP_FA_2015_2074.jpg



Pipe visible on WS slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.11	Rating **	M	Issue No.	88 (cont)	
LM End	4.11	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.447562 °	38.447562 °	
				-121.502681 °	-121.502681 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:22670 DS_ID:21685 EP_NO: 8039 FS_HLM: 4.165 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No lid on CMP riser on WS slope. this could create a hazard for the public. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.0 feet below the crown. Gate valve in 6-foot diameter CMP riser on WS slope. Pump and gate valve in pumphouse on LS toe (Permit No. 8039, 1972). Included in the 1959 O&M manual. FS Date: 07/31/2013						

Photo 2 of 2 : UCIP_FA_2015_2075.jpg



Slide gate in riser on WS slope.

LM Start	4.12	Rating **	M	Issue No.	25
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.447455 °	38.447323 °
				-121.502772 °	-121.502767 °
DWR ID	DWR_RD0307_01_f_2015_25				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the blackberries from the landside levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.31	Rating **	U	Issue No.	26
LM End	4.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.444612 °	38.444612
				-121.503100 °	-121.503100
DWR ID	DWR_RD0307_01_f_2014_26				
Action/Comments					
Building					
Inspector Comments: This pumphouse was built without a permit, the district is aware of the encroachment.					

Photo 1 of 1 : FA_2015_RD0307_166_26_20150915_00004.jpg



This pump house was built without CVFPB Permit.

LM Start	4.39	Rating **	U	Issue No.	27
LM End	4.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.443517 °	38.443517 °
				-121.503338 °	-121.503338 °
DWR ID	DWR_RD0307_01_f_2014_27				
Action/Comments					
Crops					
Inspector Comments: There are grapes planted on the levee slope landside without permit from the CVFPB. This issue has been reported and recorded in previous inspections.					

Photo 1 of 1 : FA_2015_RD0307_166_27_20150915_00005.jpg



Unwanted grapes placed on levee slope, these grapes has been reported to both district and CVFPB. No permit.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.46	Rating **	M	Issue No.	89
LM End	4.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.442515 °	38.442515 °
				-121.503620 °	-121.503620 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:17183

DS_ID:21690

EP_NO: 8041

FS_HLM: 4.522

Repair Type: Non-Urgent

Crossing Status: Found

UCIP Comments: Pipe appears abandoned and should be done so properly. Gate valve has been removed from pipe on LS toe.
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 13.5 feet below the crown. Pump and-gate valve in pump house on the landward slope. Gate valve on WS slope. Service pole and anchor on the landward slope (Permit No. 8041, 1972). Included in the 1959 O&M manual.

FS Date: 08/06/2013

LM Start	4.46	Rating **	M	Issue No.	89 (cont)
LM End	4.46	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_1614.jpg



Gate valve on WS slope.

Photo 2 of 2 : UCIP_FA_2015_1615.jpg



Pumphouse for 6-inch pipe at LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.58	Rating **	M	Issue No.	90
LM End	4.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.440915 °	38.440915
				-121.504524 °	-121.504524
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17184					
DS_ID:21691					
EP_NO: 8561					
FS_HLM: 4.64					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_1616.jpg



Gate valve actuator on WS slope.

Photo 2 of 3 : UCIP_FA_2015_1617.jpg



Gate valve on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.58	Rating **	M	Issue No.	90 (cont)
LM End	4.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.440915 °	38.440915
				-121.504524 °	-121.504524
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17184					
DS_ID:21691					
EP_NO: 8561					
FS_HLM: 4.64					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1618.jpg



Pipe and gate valve on WS slope just downstream from stairs.

LM Start	4.82	Rating **	M	Issue No.	91
LM End	4.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.438390 °	38.438390 °
				-121.507323 °	-121.507323 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22671					
DS_ID:21693					
EP_NO: N/A					
FS_HLM: 4.88					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 1 of 2: 6-inch steel irrigation pipe through the					
levee 1.5 feet below the crown Originally included in the 1959 O&M					
manual.					
FS Date: 08/06/2013					

Photo 1 of 1 : UCIP_FA_2015_2076.jpg



Pipe visible on LS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.82	Rating **	M	Issue No.	92
LM End	4.82	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.438390 °	38.438390 °
				-121.507323 °	-121.507323 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22672					
DS_ID:21726					
EP_NO: N/A					
FS_HLM: 4.88					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe abandoned and should be done so properly.					
FIELD_STRUCT_DESC: 2 of 2: 1-inch conduit through levee 1.5 feet below crown.					
FS Date: 08/06/2013					

Photo 1 of 1 : UCIP_FA_2015_2077.jpg



Abandoned electrical conduit next to pipe on LS slope.

LM Start	5.02	Rating **	M	Issue No.	66
LM End	5.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.436953 °	38.436953 °
				-121.510563 °	-121.510563 °
DWR ID	DWR_RD0307_01_f_2015_66				
Action/Comments					
Tree or limb					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.23	Rating **	M	Issue No.	93
LM End	5.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435901 °	38.435901 °
				-121.514233 °	-121.514233 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22710
 DS_ID:21698
 EP_NO: 8048
 FS_HLM: 5.3
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe appears abandoned and should be done so properly.
 FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through levee 14.5 feet below crown. Gate valve in 5-foot diameter CMP riser on the WS slope. Pump and gate valve in pumphouse on LS toe. 36-inch concrete standpipe on LS of pumphouse (Permit No. 8048, 1972). Included in the 1959 O&M manual.
 FS Date: 08/06/2013

LM Start	5.23	Rating **	M	Issue No.	93 (cont)
LM End	5.23	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_2467.jpg



Pumphouse on LS toe.

Photo 2 of 3 : UCIP_FA_2015_2468.jpg



Pipe visible on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.23	Rating **	M	Issue No.	93 (cont)
LM End	5.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435901 °	38.435901 °
				-121.514233 °	-121.514233 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22710					
DS_ID:21698					
EP_NO: 8048					
FS_HLM: 5.3					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2469.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

LM Start	5.33	Rating **	U	Issue No.	28
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.435728 °	38.435610 °
				-121.516023 °	-121.518140 °
DWR ID	DWR_RD0307_01_f_2014_28				
Action/Comments					
Tree or limb					
Inspector Comments: Unauthorized planting of small oleander trees on the shoulder and young fig trees placed on the landside levee toe.					
There are more than 15 trees at this location.					

Photo 1 of 4 : FA_2015_RD0307_166_28_20150915_00006.jpg



Looking downstream from levee mile 5.33 landward at small trees planted on the levee section.

LM Start	5.33	Rating **	U	Issue No.	28 (cont)
LM End	5.44	Issue Type +	En	Location *	LS

Photo 2 of 4 : FA_2015_RD0307_166_28_20150915_00007.jpg



15 Oleander trees planted on the landside levee slope, no permit. Looking upstream from levee mile 5.33-5.44.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.33	Rating **	U	Issue No.	28 (cont)
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.435728 °	38.435610 °
				-121.516023 °	-121.518140 °
DWR ID	DWR_RD0307_01_f_2014_28				
Action/Comments					
Tree or limb					
Inspector Comments: Unauthorized planting of small oleander trees on the shoulder and young fig trees placed on the landside levee toe.					
There are more than 15 trees at this location.					

Photo 3 of 4 : FA_2015_RD0307_166_28_20151019_00034.jpg



The land owner has planted oleander trees and fig trees on the landside toe.

LM Start	5.33	Rating **	U	Issue No.	28 (cont)
LM End	5.44	Issue Type +	En	Location *	LS

Photo 4 of 4 : FA_2015_RD0307_166_28_20151019_00035.jpg



The landowner has planted small fig trees on the levee toe.

LM Start	5.37	Rating **	M	Issue No.	94
LM End	5.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435613 °	38.435613 °
				-121.516860 °	-121.516860 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40546					
DS_ID:21700					
EP_NO: 8049					
FS_HLM: 5.446					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 1 of 2 : UCIP_FA_2015_0532.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.37	Rating **	M	Issue No.	94 (cont)
LM End	5.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435613 °	38.435613 °
				-121.516860 °	-121.516860 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40546 DS_ID:21700 EP_NO: 8049 FS_HLM: 5.446 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access due to vegetative cover. Appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee 14.5-feet below the crown. Pump house on the LS toe. Gate valve and in 5-foot diameter corrugated metal pipe riser on the WS slope. Originally included in the 1959 O&M manual (Permit No. 8049). FS Date: 08/06/2013					

Photo 2 of 2 : UCIP_FA_2015_0533.jpg



Pumphouse on LS toe.

LM Start	5.39	Rating **	C	Issue No.	29
LM End	5.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435638 °	38.435610 °
				-121.517148 °	-121.518135 °
DWR ID	DWR_RD0307_01_f_2014_29				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.39	Rating **	C	Issue No.	67
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435633 °	38.435630 °
				-121.517227 °	-121.518298 °
DWR ID	DWR_RD0307_01_f_2015_67				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	5.48	Rating **	M	Issue No.	95
LM End	5.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435622 °	38.435622
				-121.518829 °	-121.518829
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17287 DS_ID:21701 EP_NO: 8050 FS_HLM: 5.554 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Lid damaged on 5ft diameter riser on WS slope. Good candidate for video inspection as repair to pipe on LS toe is good indicator that pipe is failing internally. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.7 feet below the crown. Pump, vent, butterfly valve, 36-inch concrete standpipe, and power pole at LS toe. Gate valve in 5-foot diameter CMP riser on waterward slope (Permit No. 8050, 1972). Included in the 1959 O&M manual. FS Date: 08/07/2013					

Photo 1 of 2 : UCIP_FA_2015_0534.jpg



Gate valve in 5-foot diameter CMP riser on WS slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.48	Rating **	M	Issue No.	95 (cont)
LM End	5.48	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435622 °	38.435622 °
				-121.518829 °	-121.518829 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:17287 DS_ID:21701 EP_NO: 8050 FS_HLM: 5.554 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Lid damaged on 5ft diameter riser on WS slope. Good candidate for video inspection as repair to pipe on LS toe is good indicator that pipe is failing internally. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 12.7 feet below the crown. Pump, vent, butterfly valve, 36-inch concrete standpipe, and power pole at LS toe. Gate valve in 5-foot diameter CMP riser on waterward slope (Permit No. 8050, 1972). Included in the 1959 O&M manual. FS Date: 08/07/2013					

Photo 2 of 2 : UCIP_FA_2015_0535.jpg



Pump and appurtenances on LS toe.

LM Start	5.50	Rating **	M	Issue No.	30
LM End	5.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.435608 °	38.435657 °
				-121.519147 °	-121.519652 °
DWR ID	DWR_RD0307_01_f_2014_30				

Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.50	Rating **	M	Issue No.	68
LM End	5.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.435640 °	38.435643 °
				-121.519230 °	-121.519565 °
DWR ID	DWR_RD0307_01_f_2015_68				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	5.68	Rating **	M	Issue No.	96
LM End	5.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.435816 °	38.435816 °
				-121.522560 °	-121.522560 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17343 DS_ID:21702 EP_NO: 8051 FS_HLM: 5.761 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 16.8 feet below the crown. Pump, vent, Power pole, and gate valve on the LS toe. 36-inch concrete standpipe next to pump on LS toe (Permit No. 8051, 1972). 8-inch steel pipe sleeved through 10-inch. Originally included in the 1959 O&M manual. FS Date: 08/07/2013					

Photo 1 of 3 : UCIP_FA_2015_1381.jpg



Pump, butterfly valve, vent, and concrete standpipe on LS toe. Photo 3 description or comment here.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.68	Rating **	M	Issue No.	96 (cont)	
LM End	5.68	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.435816 °	38.435816 °	
				-121.522560 °	-121.522560 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:17343 DS_ID:21702 EP_NO: 8051 FS_HLM: 5.761 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between pipes does not appear to be grouted. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 16.8 feet below the crown. Pump, vent, Power pole, and gate valve on the LS toe. 36-inch concrete standpipe next to pump on LS toe (Permit No. 8051, 1972). 8-inch steel pipe sleeved through 10-inch. Originally included in the 1959 O&M manual. FS Date: 08/07/2013						

LM Start	5.68	Rating **	M	Issue No.	96 (cont)
LM End	5.68	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_1382.jpg



Pump, butterfly valve, vent, and concrete standpipe on LS toe.

Photo 3 of 3 : UCIP_FA_2015_1383.jpg



Pipe visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.99	Rating **	M	Issue No.	97
LM End	5.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.436038 °	38.436038 °
				-121.528107 °	-121.528107 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22711					
DS_ID:21713					
EP_NO: 6519					
FS_HLM: 6.07					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	5.99	Rating **	M	Issue No.	97 (cont)
LM End	5.99	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2015_2482.jpg



Electrical conduit visible at panel next to slant pump on WS slope.

Photo 2 of 2 : UCIP_FA_2015_2483.jpg



Power pole and meter off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.99	Rating **	M	Issue No.	98
LM End	5.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.436038 °	38.436038 °
				-121.528107 °	-121.528107 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22712 DS_ID:21732 EP_NO: 8053 FS_HLM: 6.07 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_2484.jpg



Gate valve on LS toe.

Photo 2 of 3 : UCIP_FA_2015_2485.jpg



Pipe, power pole, and meter on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.99	Rating **	M	Issue No.	98 (cont)
LM End	5.99	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.436038 °	38.436038 °
				-121.528107 °	-121.528107 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22712 DS_ID:21732 EP_NO: 8053 FS_HLM: 6.07 Repair Type: Non-Urgent Crossing Status: Found					

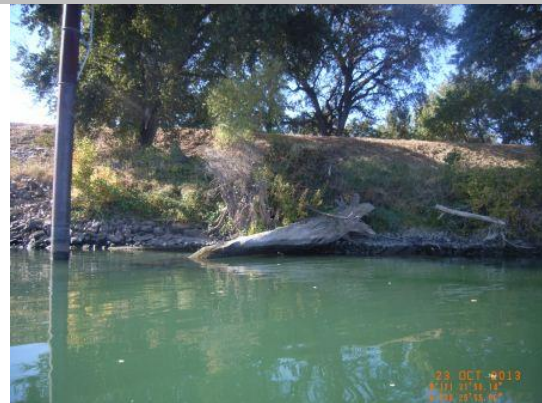
Photo 3 of 3 : UCIP_FA_2015_2486.jpg



Pipe on LS toe.

LM Start	6.19	Rating **	M	Issue No.	2
LM End	6.38	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.434560 °	38.432287 °
				-121.531159 °	-121.532978 °
DWR ID					
Action/Comments					
Inspector Comments: 2008 - Large rotational failure in bank and well into the levee slope. Could be a significant problem in the next high flow event. 2009 - Minimal new erosion, site extended upstream. 2010 - Minor new erosion. 2011 - Tree popout has left a large hole. Large slump area. Rock on the bank is failing in some locations. 2012 - The toe appears to be scouring out. 2015: No observed changes. [2015 Site ID: SAC_43-2_R]					

Photo 1 of 1 : USACE2013A_SAC_43-2_R_5.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	6.40	Rating **	M	Issue No.	99
LM End	6.40	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.432040 °	38.432040 °
				-121.533290 °	-121.533290 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:17385
 DS_ID:21706
 EP_NO: 8057
 FS_HLM: 6.489
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Pipe appears abandoned and should be done so properly.
 FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 13.8 feet below the crown. Pump and gate valve in pumphouse on the LS toe (Permit No. 8057, 1972). Originally included in the 1959 O&M manual.
 FS Date: 08/07/2013

LM Start	6.40	Rating **	M	Issue No.	99 (cont)
LM End	6.40	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1661.jpg



Pipe cut and open on LS of pumphouse.

Photo 2 of 3 : UCIP_FA_2015_1662.jpg



Pump and gate valve inside pumphouse on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	6.40	Rating **	M	Issue No.	99 (cont)
LM End	6.40	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.432040 °	38.432040 °
				-121.533290 °	-121.533290 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17385					
DS_ID:21706					
EP_NO: 8057					
FS_HLM: 6.489					
Repair Type: Non-Urgent					
Crossing Status: Found					

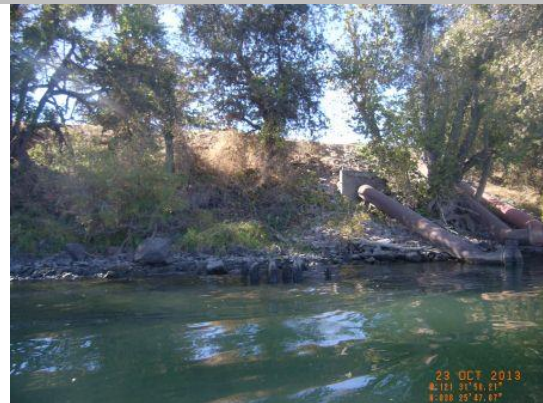
Photo 3 of 3 : UCIP_FA_2015_1663.jpg



Pump and gate valve inside pumphouse on LS toe.

LM Start	6.42	Rating **	M	Issue No.	8
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.431726 °	38.429957 °
				-121.533200 °	-121.533035 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail. 2015: No observed changes. [2015 Site ID: SAC_43-1_R]					

Photo 1 of 1 : USACE2013A_SAC_43-1_R_6.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	6.54	Rating **	M	Issue No.	100
LM End	6.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430122 °	38.430122 °
				-121.533294 °	-121.533294 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:17404
 DS_ID:21707
 EP_NO: 4096
 FS_HLM: 6.624
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Gate valve inaccessible to do fallen tree debris on steel platform.
 FIELD_STRUCT_DESC: 36-inch steel drain pipe through the levee 6-feet below the crown. Gate valve located just off LS toe on Steel platform. Pumping plant and trash rack located 200-feet off LS toe. Flap gate on the waterward end (Permit No. 4096, 1962). Replaced 36-inch pipe that was grouted in place at same location.
 FS Date: 08/07/2013

LM Start	6.54	Rating **	M	Issue No.	100 (cont)
LM End	6.54	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1541.jpg



Pipe visible on LS toe to pumping plant 200-feet off LS toe.

Photo 2 of 3 : UCIP_FA_2015_1664.jpg



Pumping plant and trash rack off LS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/14/2015 10/14/2015	Herman Phillips

LM Start	6.54	Rating **	M	Issue No.	100 (cont)
LM End	6.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.430122 °	38.430122 °
				-121.533294 °	-121.533294 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:17404					
DS_ID:21707					
EP_NO: 4096					
FS_HLM: 6.624					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1665.jpg



Animal activity/burrows under pipe on LS at various locations.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	